

ABSTRACT

An optical waveguide monitor equipped with an output
light monitor having a decreased restriction in the
5 dimensions and form thereof, a high reliability and a low
production cost includes an optical waveguide element
(having a plurality of surface waveguide portions, a
connecting portion for converging and connecting the
surface waveguide portions and an output light-outputting
10 waveguide portion connected to the connecting portion
each formed on a dielectric substrate plate; an output
light optical fiber connected to an output end of the
output light-outputting waveguide portion, a reinforcing
capillary for reinforcing a connection between the
15 optical waveguide element and the output light optical
fiber and a monitoring light receiving means, wherein the
reinforcing capillary has a hole or groove for containing
and supporting the output light optical fiber therein, a
connecting face thereof bonded to an output end face of
20 the substrate, and a terminal surface opposite to the
connecting face, to thereby enable at least one member of
the reinforcing capillary per se and a monitoring light
optical fiber located within the capillary to receive the
monitoring light outputted from the optical waveguide
25 element, to transmit it therethrough and to output it to
the outside of the capillary, and the monitoring light
receiving means is located in a position suitable to
receive the monitoring light outputted to the outside of
the reinforcing capillary and has a photoelectric
30 conversion element.